

**Amendments to the Specification**

Please add the following new paragraph after the paragraph ending on line 28 of page 11:

Fig. 17 shows a stator according to an embodiment of the present invention.

Please replace the paragraph beginning on page 11, line 30, with the following rewritten paragraph:

A resolver and a resolver fault detection circuit in accordance with the present invention will be described with reference to Fig. 1. First, a resolver 10 will be described. In Fig. 1, the resolver 10 includes a stator ~~(not shown)~~, (see Fig. 17), a rotor 110, an excitation winding 111 wound around the stator, an output winding 112X for outputting an X direction component of the rotor 110 of the resolver 10, and an output winding 112Y for outputting a Y direction component of the rotor 110 of the resolver 10. The stator is provided with 16 poles, and the excitation winding 111 and the output windings 112X and 112Y are wound around the identical pole of the stator, as shown in Fig. 17.